

What is claimed is:

- Sub A1
1. A mobile communication tower comprising:
- 2 a trailer comprising a chassis, mounted on two or more wheels, a hitch, a plurality
- 3 of chassis guy wire attaching points and a plurality of leveling mechanisms,
- 4 a telescopic tower pivotally mounted on the trailer,
- 5 a mechanism to raise and lower the tower,
- 6 a plurality of tower guy wire attaching points located on the tower, and
- 7 a plurality of guy wires each with an upper end attached to one of the tower guy wire
- 8 attaching points and a lower end attached to one of the chassis guy wire attaching points.
2. A tower as claimed in claim 1, wherein the chassis has a plurality of retractable outriggers,
- each outrigger has an outrigger guy wire attaching point and a foot which can be adjusted
- vertically, wherein the lower end of each guy wire is attached to an outrigger guy wire
- attaching point.
3. A method for stabilizing a mobile communications tower comprising the steps of:
- attaching an upper ends of a plurality of guy wires to the erected tower, attaching the
- lower ends of the plurality of guy wires to the chassis of the trailer and tightening the
- plurality of guy wires.
- Sub A2

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A2
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4. A mobile lighting tower comprising:

3 a trailer comprising a chassis, mounted on two or more wheels, a hitch, a plurality
4 of chassis guy wire attaching points and a plurality of leveling mechanisms,
5 a telescopic tower pivotally mounted on the trailer,
6 a mechanism to raise and lower the tower,
7 a plurality of tower guy wire attaching points located on the tower, and
8 a plurality of guy wires each with an upper end attached to one of the tower guy wire
attaching points and a lower end attached to one of the chassis guy wire attaching points.

5. A tower as claimed in claim 4, wherein the chassis has a plurality of retractable outriggers,
each outrigger has an outrigger guy wire attaching point and a foot which can be adjusted
vertically, wherein the lower end of each guy wire is attached to an outrigger guy wire
attaching point.

6. A method for stabilizing a mobile lighting tower comprising the steps of:

3 attaching an upper ends of a plurality of guy wires to the erected tower, attaching the
4 lower ends of the plurality of guy wires to the chassis of the trailer and tightening the
plurality of guy wires.